

Title (en)

ASSIGNING MULTIPLE RADIO NETWORK TEMPORARY IDENTIFIERS TO A USER DEVICE

Title (de)

ZUWEISUNG MEHRERER TEMPORÄRER FUNKNETZWERKIDENTIFIKATOREN AN EINE NUTZERVORRICHTUNG

Title (fr)

ATTRIBUTION DE MULTIPLES IDENTIFIANTS TEMPORAIRES DE RÉSEAU RADIO À UN DISPOSITIF UTILISATEUR

Publication

**EP 3155861 A1 20170419 (EN)**

Application

**EP 14744021 A 20140718**

Priority

EP 2014065490 W 20140718

Abstract (en)

[origin: WO2016008538A1] The present invention relates to a user device and a network node. The user device (10) comprises a transceiver (11) configured to: receive a first Radio Network Temporary Identifier, RNTI, wherein the first RNTI is valid for a first set of network nodes (20a, 20b,..., 20n) of a radio communication network (30); receive at least one second RNTI, wherein the second RNTI is valid for a second set of network nodes (20a, 20b,..., 20n) of the radio communication network (30), and wherein the first set of network nodes (20a, 20b,..., 20n) and the second set of network nodes (20a, 20b,..., 20n) are different sets of network nodes (20a, 20b,..., 20n); transmit data to the radio communication network (30), or receive data from the radio communication network (30), using the first RNTI or the second RNTI. The network node comprising a transceiver (21) and a processor (22); wherein the processor (22) is configured to: assign a first Radio Network Temporary Identifier, RNTI, to a user device (10), wherein the first RNTI is valid for a first set of network nodes (20a, 20b,..., 20n) of the radio communication network (30), assign at least one second RNTI to the user device (10), wherein the second RNTI is valid for a second set of network nodes (20a, 20b,..., 20n) of the radio communication network (30), and wherein the first set of network nodes (20a, 20b,..., 20n) and the second set of network nodes (20a, 20b,..., 20n) are different sets of network nodes (20a, 20b,..., 20n); and wherein the transceiver (21) is configured to: signal the first RNTI to the user device (10); signal the second RNTI to the user device (10). Furthermore, the present invention also relates to corresponding methods, a computer program, and a computer program product.

IPC 8 full level

**H04W 8/26** (2009.01); **H04W 76/27** (2018.01)

CPC (source: EP RU US)

**H04W 8/26** (2013.01 - EP RU US); **H04W 24/02** (2013.01 - RU US); **H04W 76/27** (2018.02 - US); **H04W 76/11** (2018.02 - US); **H04W 76/27** (2018.02 - EP)

Cited by

US10993199B2; WO2019194733A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**WO 2016008538 A1 20160121**; **WO 2016008538 A8 20160407**; BR 112017000996 A2 20180724; CN 106538033 A 20170322; CN 106538033 B 20191126; EP 3155861 A1 20170419; EP 3155861 B1 20181031; EP 3518566 A1 20190731; EP 3518566 B1 20200909; RU 2017105121 A 20180822; RU 2017105121 A3 20180822; RU 2672177 C2 20181112; US 10499241 B2 20191203; US 2017127272 A1 20170504

DOCDB simple family (application)

**EP 2014065490 W 20140718**; BR 112017000996 A 20140718; CN 201480080631 A 20140718; EP 14744021 A 20140718; EP 18203004 A 20140718; RU 2017105121 A 20140718; US 201715408071 A 20170117